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Patent
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF:
Zoran Minevski, *et al.*

SERIAL NO: 10/084,029

FILED: February 27, 2002

FOR: Electrochemical Method for Producing Ferrate (VI) Compounds

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DECLARATION OF INVENTORS UNDER 37 C.F.R. § 1.131

As a named inventor of pending U.S. Patent Application No. 10/084,029, filed on February 27, 2002, I declare the following:

1. That I am a joint inventor of the subject matter claimed in the above captioned application and that I am familiar with the disclosure and the pending claims;
2. That the disclosure and the pending claims of the above captioned application describe and define an invention that was conceived and reduced to practice prior to March 29, 2001;
3. That the acts relied upon to establish the dates of conception and reduction to practice prior to March 29, 2001 were carried out in the United States;
4. That the act relied upon to establish that the date of conception and the date of the reduction to practice was before March 29, 2001 are documented in the lab notebook labeled *Conversion Coatings*;
5. That a true copy of page 14 of the *Conversion Coatings* notebook was made, that the date on the true and correct copy was marked out, and that the true and correct copy of page 14 with the marked out date is hereby attached as Exhibit 1;

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6. That the entries made into the notebook on page 14 and attached as Exhibit 1 show that an electrochemical cell was used in a batch reaction to produce ferrates, that the electrochemical cell had a carbon steel anode and cathode with no separation by a membrane, and that the cell used a mixed solution of 10 M NaOH and 10 M KOH as an electrolyte, and that the current was maintained at 20 amps and that the voltage varied between about 3.5 and 4.7 volts, thereby showing a hydroxide solution in fluid communication between a sacrificial iron-containing anode and a cathode, wherein the aqueous hydroxide solution comprised a mixture of at least two hydroxides and further showing applying an electrical potential between the anode and the cathode to produce the ferrate salt.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this verified statement is directed.

SIGNATURE: Zoran Minevski DATE: 09/21/2004
ZORAN MINEVSKI
First Inventor

SIGNATURE: Carl Nelson DATE: 09/21/2004
CARL NELSON
Third Inventor

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